| Ref<br># | Hits | Search Query  | DBs                               | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|-----------------------------------|---------------------|---------|------------------|
| L1       | 18   | (spumavir\$ or foamy adj (virus or<br>viruses or viral)) with (hepatitis<br>adj b or hbv or hepadnavir\$)   | USPAT                             | OR                  | OFF     | 2005/03/15 17:46 |
| L2       | 37   | ((spumavir\$ or foamy adj (virus or viruses or viral)) same (hepatitis adj b or hbv or hepadnavir\$)) not ((spumavir\$ or foamy adj (virus or viruses or viral)) with (hepatitis adj b or hbv or hepadnavir\$)) | USPAT                             | OR                  | OFF     | 2005/03/15 17:47 |
| L3       | 6    | (hepatitis adj b or hbv or<br>hepadnavir\$) with (pseudotyp\$ or<br>pseudovir\$)  | USPAT                             | OR                  | OFF     | 2005/03/15 17:47 |
| L4       | 7    | (spumavir\$ or foamy adj (virus or viruses or viral)) with (pseudotyp\$ or pseudovir\$)   | USPAT                             | OR                  | OFF     | 2005/03/15 17:48 |
| L5       | 0    | ((spumavir\$ or foamy adj (virus or<br>viruses or viral)) with (pseudotyp\$<br>or pseudovir\$)) and ((hepatitis adj<br>b or hbv or hepadnavir\$) with<br>(pseudotyp\$ or pseudovir\$))                          | USPAT                             | OR                  | OFF     | 2005/03/15 17:43 |
| L6       | 9    | (hepatitis adj b or hbv or hepadnavir\$) same (pseudotyp\$ or pseudovir\$)  | USPAT                             | OR                  | OFF     | 2005/03/15 17:49 |
| L7       | 11   | (spumavir\$ or foamy adj (virus or<br>viruses or viral)) same<br>(pseudotyp\$ or pseudovir\$)   | USPAT                             | OR                  | OFF     | 2005/03/15 17:49 |
| L8       | 3    | ((hepatitis adj b or hbv or<br>hepadnavir\$) same (pseudotyp\$<br>or pseudovir\$)) not ((hepatitis adj<br>b or hbv or hepadnavir\$) with<br>(pseudotyp\$ or pseudovir\$))                                       | USPAT                             | OR                  | OFF     | 2005/03/15 17:50 |
| L9       | 4    | ((spumavir\$ or foamy adj (virus or viruses or viral)) same (pseudotyp\$ or pseudovir\$)) not ((spumavir\$ or foamy adj (virus or viruses or viral)) with (pseudotyp\$ or pseudovir\$))                         | USPAT                             | OR                  | OFF     | 2005/03/15 17:50 |
| L10      | 187  | (spumavir\$ or foamy adj (virus or viruses or viral)) and (hepatitis adj b or hbv or hepadnavir\$)  | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/03/15 17:45 |
| L11      | 28   | (pseudotyp\$ or pseudovir\$) same<br>((spumavir\$ or foamy adj (virus or<br>viruses or viral)) or (hepatitis adj b<br>or hbv or hepadnavir\$))  | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/03/15 17:50 |
| L12      | 78   | (spumavir\$ or foamy adj (virus or viruses or viral)) same (hepatitis adj b or hbv or hepadnavir\$)   | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/03/15 17:46 |

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? ds
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Items Description
Set
          4 HBV AND FOAMY
S1
            HBV AND SPUMA?
S2 NOT S1
HEPATITIS(W)B AND (FOAMY OR SPUMA?) NOT S1
S2
S3
S4
         1221 PSEUDOTYP?
S5
S6
        49624 HBV OR HEPATITIS(W)B
S7
                S5 AND S6
? log hold
       15mar05 16:56:21 User208669 Session D2733.2
            $5.38 1.682 DialUnits File155
                $0.00 19 Type(s) in Format 6
                $1.47 7 Type(s) in Format 7
            $1.47 26 Types
     $6.85 Estimated cost File155
     $3.46 TELNET
    $10.31 Estimated cost this search
$10.72 Estimated total session cost 1.792 DialUnits
Logoff: level 05.00.10a D .16:56:21
```

| L13 | 29 | (spumavir\$ or foamy adj (virus or viruses or viral)) with (hepatitis adj b or hbv or hepadnavir\$)   | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/03/15 17:55 |
|-----|----|---|-----------------------------------|------|-----|------------------|
| S1  | 13 | (spumavir\$ or foamy adj (virus or<br>viruses or viral)) with (hepatitis<br>adj b or hbv or hepadnavir\$)   | USPAT                             | OR   | OFF | 2005/03/15 17:42 |
| S2  | 29 | ((spumavir\$ or foamy adj (virus or viruses or viral)) same (hepatitis adj b or hbv or hepadnavir\$)) not ((spumavir\$ or foamy adj (virus or viruses or viral)) with (hepatitis adj b or hbv or hepadnavir\$)) | USPAT                             | OR . | OFF | 2005/03/15 17:42 |
| S3  | 5  | (hepatitis adj b or hbv or<br>hepadnavir\$) with (pseudotyp\$ or<br>pseudovir\$)  | USPAT                             | OR   | OFF | 2005/03/15 17:42 |
| S4  | 4  | (spumavir\$ or foamy adj (virus or viruses or viral)) with (pseudotyp\$ or pseudovir\$)   | USPAT                             | OR   | OFF | 2005/03/15 17:43 |
| S5  | 0  | ((spumavir\$ or foamy adj (virus or viruses or viral)) with (pseudotyp\$ or pseudovir\$)) and ((hepatitis adj b or hbv or hepadnavir\$) with (pseudotyp\$ or pseudovir\$))                                      | USPAT                             | OR   | OFF | 2005/03/15 17:43 |
| S6  | 6  | (hepatitis adj b or hbv or hepadnavir\$) same (pseudotyp\$ or pseudovir\$)  | USPAT                             | OR   | OFF | 2005/03/15 17:43 |
| S7  | 7  | (spumavir\$ or foamy adj (virus or<br>viruses or viral)) same<br>(pseudotyp\$ or pseudovir\$)   | USPAT                             | OR   | OFF | 2005/03/15 17:43 |
| S8  | 1  | ((hepatitis adj b or hbv or<br>hepadnavir\$) same (pseudotyp\$<br>or pseudovir\$)) not ((hepatitis adj<br>b or hbv or hepadnavir\$) with<br>(pseudotyp\$ or pseudovir\$))                                       | USPAT                             | OR   | OFF | 2005/03/15 17:44 |
| S9  | 3  | ((spumavir\$ or foamy adj (virus or viruses or viral)) same (pseudotyp\$ or pseudovir\$)) not ((spumavir\$ or foamy adj (virus or viruses or viral)) with (pseudotyp\$ or pseudovir\$))                         | USPAT                             | OR   | OFF | 2005/03/15 17:44 |
| S10 | 26 | (spumavir\$ or foamy adj (virus or viruses or viral)) and (hepatitis adj b or hbv or hepadnavir\$)  | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/03/15 17:44 |
| S11 | 11 | (pseudotyp\$ or pseudovir\$) same<br>((spumavir\$ or foamy adj (virus or<br>viruses or viral)) or (hepatitis adj b<br>or hbv or hepadnavir\$))  | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/03/15 17:45 |

| S12 | 11955  | hepatitis adj b or hbv or<br>hepadnavir\$ or hepadna adj vir\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/11/22 08:01 |
|-----|--------|---|---|----|-----|------------------|
| S13 | 149322 | env or envelope   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/11/22 08:01 |
| S14 | 465    | S12 with S13  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/11/22 08:01 |
| S15 | 11977  | hepatitis adj b or hbv or<br>hepadnavir\$ or hepadna adj (virus<br>or viruses or viral)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/11/22 08:01 |
| S16 | 159    | S15 adj3 S13  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/11/22 08:02 |
| S17 | 31     | FORMAT ADJ SAVE   | USPAT                                       | OR | OFF | 2002/03/20 14:34 |
| S18 | 168    | spumavir\$ or foamy adj (virus or<br>viruses or viral)  | USPAT                                       | OR | OFF | 2002/04/30 11:50 |
| S19 | 6565   | hepatitis adj b or hbv or<br>hepadnavir\$   | USPAT                                       | OR | OFF | 2002/11/22 07:59 |
| S20 | 39     | (spumavir\$ or foamy adj (virus or viruses or viral)) same (hepatitis adj b or hbv or hepadnavir\$)   | USPAT                                       | OR | OFF | 2002/04/30 11:39 |
| S21 | 13     | (spumavir\$ or foamy adj (virus or<br>viruses or viral)) with (hepatitis<br>adj b or hbv or hepadnavir\$)   | USPAT                                       | OR | OFF | 2002/11/22 07:51 |
| S22 | 26     | ((spumavir\$ or foamy adj (virus or viruses or viral)) same (hepatitis adj b or hbv or hepadnavir\$)) not ((spumavir\$ or foamy adj (virus or viruses or viral)) with (hepatitis adj b or hbv or hepadnavir\$)) | USPAT                                       | OR | OFF | 2002/11/22 07:51 |
| S23 | 361    | pseudotyp\$ or pseudovir\$  | USPAT                                       | OR | OFF | 2002/04/30 11:53 |
| S24 | 4      | (hepatitis adj b or hbv or<br>hepadnavir\$) with (pseudotyp\$ or<br>pseudovir\$)  | USPAT                                       | OR | OFF | 2002/11/22 07:52 |
| S25 | 4      | (spumavir\$ or foamy adj (virus or viruses or viral)) with (pseudotyp\$ or pseudovir\$)   | USPAT                                       | OR | OFF | 2002/11/22 07:52 |
| S26 | 0      | ((spumavir\$ or foamy adj (virus or viruses or viral)) with (pseudotyp\$ or pseudovir\$)) and ((hepatitis adj b or hbv or hepadnavir\$) with (pseudotyp\$ or pseudovir\$))                                      | USPAT                                       | OR | OFF | 2002/11/22 07:52 |

| S27 | 5    | (hepatitis adj b or hbv or hepadnavir\$) same (pseudotyp\$ or pseudovir\$)  | USPAT                             | OR | OFF | 2002/11/22 07:52 |
|-----|------|---|-----------------------------------|----|-----|------------------|
| S28 | 7    | (spumavir\$ or foamy adj (virus or<br>viruses or viral)) same<br>(pseudotyp\$ or pseudovir\$)   | USPAT                             | OR | OFF | 2002/11/22 07:52 |
| S29 | 1    | ((hepatitis adj b or hbv or<br>hepadnavir\$) same (pseudotyp\$<br>or pseudovir\$)) not ((hepatitis adj<br>b or hbv or hepadnavir\$) with<br>(pseudotyp\$ or pseudovir\$))               | USPAT                             | OR | OFF | 2002/11/22 07:52 |
| S30 | 3    | ((spumavir\$ or foamy adj (virus or viruses or viral)) same (pseudotyp\$ or pseudovir\$)) not ((spumavir\$ or foamy adj (virus or viruses or viral)) with (pseudotyp\$ or pseudovir\$)) | USPAT                             | OR | OFF | 2002/11/22 07:52 |
| S31 | 52   | spumavir\$ or foamy adj (virus or viruses or viral)   | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/04/30 11:50 |
| S32 | 4113 | hepatitis adj b or hbv or<br>hepadnavir\$   | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/04/30 11:50 |
| S33 | 7    | (spumavir\$ or foamy adj (virus or viruses or viral)) and (hepatitis adj b or hbv or hepadnavir\$)  | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/11/22 07:52 |
| S34 | 156  | pseudotyp\$ or pseudovir\$  | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/04/30 11:53 |
| S35 | 9    | (pseudotyp\$ or pseudovir\$) same<br>((spumavir\$ or foamy adj (virus or<br>viruses or viral)) or (hepatitis adj b<br>or hbv or hepadnavir\$))  | US-PGPUB;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2002/11/22 07:52 |
| S36 | 1    | 2001-201505.NRAN.   | DERWENT                           | OR | OFF | 2002/04/30 11:57 |